

ABSTRACT

A low cost solar collector, or collector system, that employs opposing plate members separated by spiral coils over which a transpired material is interwoven in an alternating or zigzag manner, and further including side closures to form a fluid flow path between the plates. With a transparent or translucent top plate, sun light entering the collector will heat the spiral coils and the transpired material so that fluid flowing through the coils and transpired material will be heated.